

Test Case

Project Name: Twitter Sentiment Analysis

Test Case ID: 4a

Test Designed by: Saad

Test Priority (Low/Medium/High): Medium **Test Designed date:** 4th December

Module Name:

Test Executed by: Saad

Test Title: Correct Report Generated **Test Execution date:** 5th December

Description:

Our program successfully returns an excel file of the tweets generated and a text file with the sentiment analysis score

Objective:

We run the program using the keyword "Dior" and we see if it successfully generates an excel file (SentimentAnalysisReportDior.xlsx) with the tweets retrieved and a text file (SentimentAnalysisReportDior.txt) with the sentiment analysis score. We then try running the program with the same keyword and check if it overwrites both files with the latest 100 tweets and sentiment analysis score, making sure these tweets are different. If it does this successfully then it gets a PASS

Pre-conditions:

Twitter servers are operational, there is a stable and same internet connection, computer has the same processing power, and same training model, same maximum number of tweets (100).

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Input keyword ("Dior")	Fetches tweets from twitter	100 tweets received	100 tweets received		
2	N/A	Sentiment Analysis Score	Displays Sentiment Analysis Score Successfully	Displays Sentiment Analysis Score Successfully		
3	Generates excel file of tweets Retrieved	Excel File named (SentimentAnalysisReportDior.xlsx)	Successfully generates excel file	Successfully generates excel file	Pass	
4	Generates text file with sentiment Analysis Score	Text file named (SentimentAnalysisReportDior.txt)	Successfully generates text file	Successfully generates text file	Pass	
5	Input keyword ("Dior") again	Fetches tweets from twitter	100 tweets received	100 tweets received		Wait an hour to do this after the first search to make sure we get different and more recent tweets retrieved
6	N/A	Sentiment Analysis Score	Displays Sentiment Analysis Score Successfully	Displays Sentiment Analysis Score Successfully		
7	Generates excel file of tweets Retrieved	Excel File named (SentimentAnalysisReportDior.xlsx)	Successfully overwrites excel file with new tweets	Successfully overwrites excel file with new tweets	Pass	Tweets should be different than the first 100 generated
8	Generates text file with sentiment Analysis Score	Text file named (SentimentAnalysisReportDior.txt)	Successfully generates text file based on most recent tweets	Successfully generates text file on most recent tweets	Pass	

Post-conditions:

We have successfully reached the end of the program with 2 reports, one being an excel file with all the tweets retrieved and another being a text file with the sentiment analysis score